

## ABSTRACT

In a radio communication system adapted to decide one channel out of a plurality of radio frequency channels, and to cause communication to be made  
5 between a radio base station and a child radio station, decision of the channel is made at a periodic timing in the radio base station to notify information relating to this decided channel to the child radio station. Also, a configuration is made so that whenever the channel is decided and switched, communication quality (interference state) of its channel is detected in an interference quantity determination section 140 to  
10 make the channel decision by making a reference to this communication quality as well. By doing so, less communication interruption time occurs, and an influence that is given to communication performance of a wireless LAN can be reduced.